



Loctite  
Corporation

DPM  
6082-4

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MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name ADHESIVE/SEALANT 242  
Product Type Anaerobic

Part No. 242  
Formula No. \_\_\_\_\_

II. COMPOSITION

<u>Ingredients</u>	<u>% by Wt.</u>	<u>Hazard</u>
Polyglycol Dimethacrylates	60-65	See Section IV. ↓
Polyglycol Oleates	25-30	
Saccharin**	3-5	
Silicon Dioxide***	<2	
Cumene Hydroperoxide*	<2	
N,N-Dialkyltoluidine	<1	

\*In a single test, pure cumene hydroperoxide caused tumors in one of thirty experimental animals when injected under the skin. \*\*Saccharin has been shown to cause tumors in experimental animals when fed in large amounts for prolonged periods. \*\*\*Inhalation of pure silicon dioxide dust has been shown to cause pulmonary effects. In light of the low concentration of these components in the product, it is our best technical judgment that normal use of this product poses no such hazards. These warnings are present only to comply with OSHA regulations.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure < 5 mm at 80°F  
Vapor Density Unknown  
Solubility in Water Slight  
Appearance Blue Liquid

Specific Gravity 1.1 at 75°F  
Boiling Point > 300°F  
pH dna  
Odor Mild

IV. TOXICITY AND HEALTH HAZARD DATA

Toxicity  
Oral LD50 >5000 mg/kg  
Dermal LD50 >2000 mg/kg  
Symptoms of Overexposure May cause dermatitis on prolonged contact in sensitive individuals.  
TLV Does not apply

Emergency Treatment Procedures

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.  
Inhalation: Does not apply.  
Skin Contact: Flush with water.  
Eye Contact: Flush with water.

Personal Protection

Eyes: Safety glasses recommended.  
Skin: Rubber or plastic gloves recommended.  
Ventilation: Not normally necessary.



## V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash point > 200°F Method T.C.C.  
Explosive Limits (% by volume in air) Lower dna % Upper dna %  
Recommended Extinguishing Agents CO2, Foam, Dry Chemical  
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating organic vapors.  
Unusual Fire or Explosion Hazards: None  
Compressed Gasses Name None  
Pressure at Room Temperature \_\_\_\_\_

## VI. REACTIVITY DATA

Stability ☒ Stable ☐ Unstable  
Hazardous Polymerization ☐ May Occur ☒ Will Not Occur  
Hazardous Decomposition Products (non-thermal)  
None

Incompatibility None

## VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Soak up in an inert absorbent. Store in partly filled, closed container until disposal.

Recommended methods of disposal: Bury or incinerate in accordance with EPA and local regulations.

## VIII. STORAGE AND HANDLING PROCEDURES

Storage: Store below 110°F to preserve shelf-life.

Handling: Avoid prolonged skin contact.

## IX. SHIPPING REGULATIONS

Type or Class DOT Unrestricted  
IATA Unrestricted

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Date: November 1, 1985